Q L JC47 PO TA SECONDA SECONDA

Phase type a plus sign (+) → +

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

U.S. Department of Commerce Patent and Trademark Office

NFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Sheet 1 of

Application No. : 10/018,413

Filing Date : April 26, 2002

First Named Inventor: H. RAISANEN

Group Art Unit
Examiner Name

Attorney Docket No.: HEIN 19.272

U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.¹	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear		
DC		5,961,762		ZELINKA, et al.	10/05/1999			
//		4,874,659		ANDO, et al.	10/17/1989			
		4,654,546		KIRJAVAINEN	03/31/1987			

FOREIGN DOCUMENTS							
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear	
176		196 36 543	DE	SAGEM (FR)	03/13/1997	1	
		42 37 072	DE	DAIMLER BENZ AG, et al.	12/02/1993	1	
$I^-I^-$		90/16089	wo	JUERGENS	12/27/1990		
		95/01079	wo	KIRJAVAINEN	01/05/1995	+	
		92/10070	wo	MCNC	06/11/1992		
1/		97/39602	wo	EMF ACOUSTICS OY LTD	10/23/1997	<del>  \</del>	
V		96/06718	wo	VTT TECHNOLOGY OY	09/21/1999	<u> </u>	

Other Prior Art-Non-Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached	
Examiner Signature		Date Considered 4-15	- 05	

-sentines' inclusi it reserves combigated whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication

Unique citation designation number. See anached Kinds of U.S. Patent Documents. Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Empery aftest precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1\* if possible. Applicant is to place a check mark here if English laptangs: Translation is statched.

Set of the tempersy plant precede the serial number of the pattern document.

Same at accounts by the appropriate symbols as accounted to the contract of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Westington, DC 20231. Under the Proprietor Refrestion Act of 1993, no persons are required to respond to a collection of Information anless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.